

# STANDARD INSPECTION REPORT OF A GAS OPERATOR FIELD AUDIT

## FIELD AUDIT

Unless otherwise noted, all code references are to 49CFR Part 192.  
If an item is marked Unsatisfactory, Not Applicable, or Not Checked, an explanation must be included in this report.

<b>Operator:</b> AMEREN ILLINOIS COMPANY	Operator ID#: 32513
<b>Inspection Date(s):</b> 8/28/2012 (Half), 8/29/2012, 8/30/2012	Man Days: 2.5
<b>Inspection Unit:</b> Jacksonville	
<b>Location of Audit:</b> Jacksonville	
<b>Exit Meeting Contact:</b> Rodger Camerer	
<b>Inspection Type:</b> Standard Inspection - Field Audit	
<b>Pipeline Safety Representative(s):</b> Donald Hankins	
<b>Company Representative to Receive Report:</b> Michael Fuller	
<b>Company Representative's Email Address:</b> mfuller2@ameren.com	

<b>Headquarters Address Information:</b>	300 Liberty Peoria, IL 61602 Emergency Phone#: Fax#:	
<b>Official or Mayor's Name:</b>	Ron Pate Phone#: (217) 424-6518 Email:	
<b>Inspection Contact(s)</b>	<b>Title</b>	<b>Phone No.</b>
Rodger Camerer	Supervisor Gas Operations	
Bob Roth	Quality Assurance Specialist	

CUSTOMER METER & REGULATOR		Status
192.353(a)	Is the customer meter and regulator installed in a readily accessible location and protected from corrosion and other damage, including if installed outside a building, vehicular damage that may be anticipated?	<b>Satisfactory</b>
<b><u>General Comment:</u></b> <i>Meters and regulators were installed away from windows and door ways.</i>		
192.355(b)(1)	Is the customer regulator vent rain and insect resistant?	<b>Satisfactory</b>
<b><u>General Comment:</u></b> <i>The regulator vent was pointing down and protected from rain and insects.</i>		
192.355(b)(2)	Is the customer regulator vent located where gas from the vent escapes freely into the atmosphere and away from building openings?	<b>Satisfactory</b>

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<b><u>General Comment:</u></b>		
<i>Meters and regulators were installed away from windows and door ways.</i>		
192.355(b)(3)	Is the vent protected from damage caused by submergence in areas of flooding?	<b>Satisfactory</b>
<b><u>General Comment:</u></b>		
<i>The vents that were inspected were not in an area that floods.</i>		
192.357(a)	Is the customer meter and regulator installed to minimize anticipated stresses upon connecting piping?	<b>Satisfactory</b>
<b><u>General Comment:</u></b>		
<i>There was no stress on the meter piping that was inspected during this audit.</i>		
192.357(d)	Is a customer regulator that might release gas vented to the outside atmosphere?	<b>Satisfactory</b>
<b><u>General Comment:</u></b>		
<i>Regulators were vented to the atmosphere</i>		
192.359(a)	Is the meter operating pressure within the allowable limits of the meter case rating?	<b>Satisfactory</b>
<b><u>General Comment:</u></b>		
<i>Operating pressures met the rating on the meter casings.</i>		
192.365(a)	Is the service line valve upstream of the regulator or meter?	<b>Satisfactory</b>
<b><u>General Comment:</u></b>		
<i>Each meter set has a valve ahead of the regulator.</i>		
192.365(c)	Is the underground service line valve located in a curb box or standpipe that allows for ready operation?	<b>Not Applicable</b>
<b><u>General Comment:</u></b>		
<i>There are no valves located in a curb box or standpipe in the system.</i>		
192.727(d)	When service to the customer has been discontinued has the proper method been utilized to prevent unauthorized usage?	<b>Not Checked</b>
<b><u>General Comment:</u></b>		
<i>Discontinued services were not inspected during this audit.</i>		
<b>CATHODIC PROTECTION</b>		<b>Status</b>
192.463(a)	Is the applicable cathodic protection criteria contained in Appendix D of this part being followed?	<b>Satisfactory</b>
<b><u>General Comment:</u></b>		
<i>A Cathodic protection criteria is being met. One meter set did not meet the criteria, and it was checked the next day and found to be isolated, and then schedule to be fixed in the near future.</i>		
192.465(a)	Were pipe to soil readings taken?	<b>Satisfactory</b>

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<b><u>General Comment:</u></b> Pipe to soil readings were taken at the following locations. Eisenhower Elementary School -1.35 Painted Passavant Hospital -1.44 Needs Paint Jacksonville High School -1.27 Painted Routt High School -1.17 Painted Mac Murray College -.64 Painted Illinois College -1.07 Painted Ameren Regulator Station 68 -.86 Painted Salem Lutheran Grade School -1.42 Painted		
192.465(b)	Were rectifier installations inspected?	<b>Not Applicable</b>
<b><u>General Comment:</u></b> There are no rectifiers in this system.		
192.465(a)	Were isolated mains/services tested?	<b>Satisfactory</b>
<b><u>General Comment:</u></b> The meter set at Mac Murray College is an isolated service with the reading being -.64.		
192.465(c)	Were critical/non critical bonds tested?	<b>Not Applicable</b>
<b><u>General Comment:</u></b> There are no critical bonds in the system.		
192.467(a)	Is electrical isolation provided by use of insulated meter spud, valve, union, or flange?	<b>Satisfactory</b>
<b><u>General Comment:</u></b> Meter sets have insulated meter spuds on them.		
192.467(c)	Were casings installations tested for electrical isolation?	<b>Not Checked</b>
<b><u>General Comment:</u></b> Casings were not checked during this audit.		
192.479(a)	Is the above ground piping coated or painted as required?	<b>Satisfactory</b>
<b><u>General Comment:</u></b> Meter sets that were inspected during this audit were painted except for one.		
192.479(c)	Is the pipeline free of corrosion or pitting?	<b>Satisfactory</b>
<b><u>General Comment:</u></b> Pipe that was inspected had no pitting or corrosion on them.		
<b>DAMAGE PREVENTION</b>		<b>Status</b>

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192.614	Does the operator have a valid notification of planned excavation activities?	<b>Satisfactory</b>
<b><u>General Comment:</u></b> <i>Planned excavation was schedule during this audit.</i>		
265.40(a)	Did the operator complete the locating activities in the specified timeframe?	<b>Satisfactory</b>
<b><u>General Comment:</u></b> <i>The operator completed the locating activities before the time frame on the Julie ticket.</i>		
192.614(c)(5)	Were temporary markings made in accordance with the operator's Operation and Maintenance Manual?	<b>Satisfactory</b>
<b><u>General Comment:</u></b> <i>Lines were marked by paint and flags.</i>		
192.707(a)(1)	Are line markers placed and maintained as close as practical over each buried main and transmission line located at each crossing of a public road and railroad?	<b>Not Checked</b>
<b><u>General Comment:</u></b> <i>Line markers were not inspected during this audit.</i>		
192.707(a)(2)	Are line markers placed and maintained as close as practical over each buried main and transmission line located wherever necessary to identify the location of the transmission line or main to reduce the possibility of damage or interference?	<b>Not Checked</b>
<b><u>General Comment:</u></b> <i>Line markers were not inspected during this audit.</i>		
192.707(c)	Are line markers placed and maintained as close as practical over each main and transmission line located above ground?	<b>Not Checked</b>
<b><u>General Comment:</u></b> <i>Line markers were not inspected during this audit.</i>		
192.707(d)(1)	Do the operator's line markers contain the following information: The following must be written legibly on a background of sharply contrasting color on each line marker: The word "Warning," "Caution," or "Danger" followed by the words "Gas (or name of gas transported) Pipeline" all of which, except for markers in heavily developed urban areas, must be in letters at least 1 inch (25 millimeters) high with ¼ inch (6.4 millimeters) stroke?	<b>Not Checked</b>
<b><u>General Comment:</u></b> <i>Line markers were not inspected during this audit.</i>		
192.707(d)(2)	Do the operator's line markers contain the following information: The following must be written legibly on a background of sharply contrasting color on each line marker: The name and phone number (including area code) of the operator where the operator can be reached at all times?	<b>Not Checked</b>

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<b><u>General Comment:</u></b> <i>Line markers were not inspected during this audit.</i>		
<b>PRESSURE LIMITING AND REGULATING DEVICES (MECHANICAL)</b>		<b>Status</b>
<b><u>Category Comment:</u></b> <i>Pressure limiting and regulator devices were not inspected during this audit.</i>		
192.739(a)(4)	Was each pressure limiting station, relief device (except rupture discs), and pressure regulating station and its equipment subjected at intervals not exceeding 15 months, but at least once each calendar year, to inspections and tests to determine that it is properly installed and protected from dirt, liquids, or other conditions that might prevent proper operation.?	<b>Not Checked</b>
<b><u>General Comment:</u></b> <i>Pressure limiting and regulator devices were not inspected during this audit.</i>		
192.317(b)	Is each above ground transmission line or main protected from accidental damage by vehicular traffic or other similar causes?	<b>Not Checked</b>
<b><u>General Comment:</u></b> <i>Pressure limiting and regulator devices were not inspected during this audit.</i>		
192.741(a),192.741(c)	Were telemetering and/or recording gauges inspected for abnormally high or low pressure indications?	<b>Not Checked</b>
<b><u>General Comment:</u></b> <i>Pressure limiting and regulator devices were not inspected during this audit.</i>		
192.743(a)	Is overpressure protection provided on the pipeline down stream of the take point?	<b>Not Checked</b>
<b><u>General Comment:</u></b> <i>Pressure limiting and regulator devices were not inspected during this audit.</i>		
192.199(d)	Did the pressure relief or pressure limiting devices inspected to determine if the support was made of noncombustible material?	<b>Not Checked</b>
<b><u>General Comment:</u></b> <i>Pressure limiting and regulator devices were not inspected during this audit.</i>		
192.199(e)	Did the pressure relief or pressure limiting devices inspected to determine if the discharge stacks, vents, or outlet ports were designed to prevent accumulation of water, ice, or snow, and located where gas can be discharged into the atmosphere without undue hazard?	<b>Not Checked</b>
<b><u>General Comment:</u></b> <i>Pressure limiting and regulator devices were not inspected during this audit.</i>		
192.199(h)	Was each valve, designed to isolate the system under protection from its source of pressure, secured to prevent unauthorized operation of any stop valve that will make the pressure relief valve or pressure limiting device inoperative?	<b>Not Checked</b>

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<b><u>General Comment:</u></b>		
Valves were not inspected during this audit.		
<b>VALVE MAINTENANCE</b>		<b>Status</b>
192.747(a)	Were the valves inspected accessible?	<b>Not Checked</b>
<b><u>General Comment:</u></b>		
Valves were not inspected during this audit.		
<b>ODORIZATION OF GAS</b>		<b>Status</b>
<b><u>Category Comment:</u></b>		
Odorization was not inspected during this audit.		
192.625(a)	Was the odor intensity level readily detectable at or below 1/5th LEL?	<b>Not Checked</b>
<b><u>General Comment:</u></b>		
Odorization was not inspected during this audit.		
192.625(e)	Was the Odorization equipment and tank levels inspected?	<b>Not Checked</b>
<b><u>General Comment:</u></b>		
Odorization was not inspected during this audit.		
192.625(f)	Was the operator's equipment calibrated as required?	<b>Not Checked</b>
<b><u>General Comment:</u></b>		
Odorization was not inspected during this audit.		
<b>TRANSMISSION</b>		<b>Status</b>
<b><u>Category Comment:</u></b>		
There are no transmission lines in this system.		
192.179(b)(1)	Are transmission valves protected from tampering or damage?	<b>Not Checked</b>
<b><u>General Comment:</u></b>		
There are no transmission lines in this system.		
192.745(a)	Were the valves inspected accessible?	<b>Not Checked</b>
<b><u>General Comment:</u></b>		
There are no transmission lines in this system.		
192.719(a)	Is pre-tested transmission pipe inventory maintained for use in an emergency?	<b>Not Checked</b>
<b><u>General Comment:</u></b>		
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MARKING OF MATERIAL		Status
192.63(a)	Does the operator's components and pipe contain the required markings?	Not Checked
<b><u>General Comment:</u></b> <i>No piping was installed at this time.</i>		
OPERATOR QUALIFICATION		Status
Was a PHMSA Form 15 Operator Qualification Field Inspection Protocol Form completed?		No
<b><u>General Comment:</u></b> <i>A protocol form was not completed during this audit.</i>		

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